



US 20210042527A1

(19) **United States**(12) **Patent Application Publication**
Ton-That(10) **Pub. No.: US 2021/0042527 A1**(43) **Pub. Date: Feb. 11, 2021**(54) **METHODS FOR PROVIDING
INFORMATION ABOUT A PERSON BASED
ON FACIAL RECOGNITION**(71) Applicant: **Clearview AI, Inc.**, New York, NY
(US)(72) Inventor: **Cam-Hoan Ton-That**, New York, NY
(US)(73) Assignee: **Clearview AI**, New York, NY (US)(21) Appl. No.: **16/988,165**(22) Filed: **Aug. 7, 2020****Related U.S. Application Data**(60) Provisional application No. 62/884,766, filed on Aug.
9, 2019.**Publication Classification**(51) **Int. Cl.**
G06K 9/00 (2006.01)
G06K 9/40 (2006.01)
G06K 9/20 (2006.01)
G06K 9/62 (2006.01)
G06F 21/32 (2006.01)
G06F 21/62 (2006.01)**G06F 16/951** (2006.01)**G06F 16/51** (2006.01)**G06F 16/56** (2006.01)**G06N 3/08** (2006.01)**G06N 3/04** (2006.01)**G07C 9/00** (2006.01)(52) **U.S. Cl.****CPC** **G06K 9/00671** (2013.01); **G07C 9/00563**
(2013.01); **G06K 9/40** (2013.01); **G06K****9/2054** (2013.01); **G06K 9/00288** (2013.01);**G06K 9/00926** (2013.01); **G06K 9/6256**(2013.01); **G06K 9/00906** (2013.01); **G06K****9/00208** (2013.01); **G06F 21/32** (2013.01);**G06F 21/6245** (2013.01); **G06F 16/951**(2019.01); **G06F 16/51** (2019.01); **G06F****16/56** (2019.01); **G06N 3/08** (2013.01); **G06N****3/04** (2013.01); **G06K 9/00255** (2013.01)

(57)

ABSTRACT

This disclosure provides methods for providing information about a person based on facial recognition and various applications thereof, including face-based check-in, face-based personal identification, face-based identification verification, face-based background checks, facial data collaborative network, correlative face search, and personal face-based identification. The disclosed methods are able to provide accurate information about a person in a real-time manner.

